PTO/SB/05 (08-03)
Approved for use through 07/31/2006. OMB 0651-0032
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UTILITY
PATENT APPLICATION
TRANSMITTAI

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Attorney Docket No.		29936/39855	
First Inventor		Yang Kyu Lim	4.0
Title	OUTPUT C	IRCUIT	S. PTC

PATENT APPLICATION		F				
TRANSMITTAL	Title	OUTPUT CIRCUIT				
(Only for new nonprovisional applications under 37 CFR 1.53(b))	Expres	ss Mail Label No. EV 340911710 US				
APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application cor	ntents.	ADDRESS TO: MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450				
reference. The incorporation <u>can only</u> be relied upon when a po	ortion has	ng continuation or divisional application and is hereby incorporated by s been inadvertently omitted from the submitted application parts.				
	KESPO	ONDENCE ADDRESS				
X Customer Number: 04743		OR Correspondence address below				
MARSHALL, GERSTEIN & BORUN LLP Aaron M. Peters 233 S. Wacker Drive, Suite 6300						
Address Sears Tower						
ity Chicago State		IL Zip Code 60606-6357				
<u> </u>	ephone	(312) 474-6300 Fax (312) 474-0448				
Name (Print/Type) Aaron M. Beters Signature	•	Registration No. (Attorney/Agent) 48,801 Date December 17, 2003	\dashv			
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV 340911710 US, in an envelope addressed to: MS Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450, on the						

date shown below.

Dated: December 17, 2003

(Ernie Del Real)

PTO/SB/17 (10-03)

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003, Patent fees are subject to annual revision.

Complete if Known					
Application Number	Not Yet Assigned				
Filing Date	December 17, 2003				
First Named Inventor	Yang Kyu Lim				
Examiner Name	Not Yet Assigned				
Art Unit	N/A				
Attorney Docket No.	29936/39855				

		Examiner Name		Not ret Assigned			
Applicant claims small entity status. See 37 CFR 1.27	_	Art Unit				N/A	
TOTAL AMOUNT OF PAYMENT (\$) 770.00			ey Do	cket No) .	29936/39855	
METHOD OF PAYMENT (check all that apply)				FEE	CALCU	LATION (continued)	
X Check Credit Money Other None	3. /	ADDITI	ONAL	FEES			-
Deposit Account:	1						
Deposit		e Entity		Entity	_		
Account Number	Fee Code	Fee (\$)	Fee Code	Fee (\$)		Fee Description	Fee Paid
Deposit Account BORUN LLP	1051	130	2051	65	-	e - late filing fee or oath	
The Director is authorized to: (check all that apply)	1052	50	2052	25	Surcharge sheet.	e – late provisional filing fee or cover	
Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130		ish specification	
X Charge any additional fee(s) or any underpayment of fee(s)	1812	2,520	1812	2,520	For filing a	request for ex parte reexamination	
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920°	Requestir Examiner	ng publication of SIR prior to action	
to the above-identified deposit account.	1805	1,840*	1805	1,840*		ng publication of SIR after	
FEE CALCULATION	1251	110	2251	55		for reply within first month	
1. BASIC FILING FEE	1252	420	2252	210	Extension	for reply within second month	
Large Entity Small Entity	1253	950	2253	475	Extension	for reply within third month	
Fee Fee Fee Fee Fee Fee Description Fee Paid Code (\$) Code (\$)	1254	1,480	2254	740	Extension	for reply within fourth month	
1001 770 2001 385 Utility filing fee 770.00	1255	2,010	2255	1,005	Extension	for reply within fifth month	
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of	Appeal	
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a br	ief in support of an appeal	
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request f	or oral hearing	
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to	institute a public use proceeding	
SUBTOTAL (1) (\$) 770.00	1452		2452	55	Petition to	revive – unavoidable	
	1453	1,330	2453	665	Petition to	revive - unintentional	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1501	1,330	2501	665	Utility issu	e fee (or reissue)	
Extra Fee from Claims below Fee Paid	1502	480	2502	240	Design is:	sue fee	
Total Claims 14 -20** = x =	1503	640	2503	320	Plant issu	e fee	
Independent 3 -3** = x =	1460	130	1460	130	Petitions (to the Commissioner	
Multiple Dependent =	1807	50	1807	50	Processin	g fee under 37 CFR 1.17(q)	
Large Entity Small Entity	1806	180	1806	180	Submissio	on of Information Disclosure Stmt	
Fee Fee Fee Code (\$) Fee Description	8021	40	8021	40		each patent assignment per times number of properties)	
1202 18 2202 9 Claims in excess of 20	1809	770	2809	385		ubmission after final rejection	
1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each	additional invention to be (37CFR 1.129(b))	
1204 86 2204 43 ** Reissue independent claims	1801	770	2801	385		or Continued Examination (RCE)	
over original patent 1205 18 2205 9 ** Reissue claims in excess of 20	1802	900	1802	900		or expedited examination n application	
and over original patent	Other	fee (spe	cify)			.,	
SUBTOTAL (2) (\$) 0.00	*Red	uced by I	Basic Fi	iling Fee	Paid	SUBTOTAL (3) (\$)	0.00
**or number previously paid, if greater; For Reissues, see above	1			5.55			0.00

SUBMITTED BY		 		(Complete	(if applicable))
Name (Print/Type)	Aaron M. Peters	Registration No. (Attorney/Agent)	48,801	Telephone	(312) 474-6608
Signature	L St			Date	December 17, 2003

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Dated: December 17, 2003

Signature:	9	20	1	61	
Ciginatare.		-			

(Ernie Del Real)

Application No. (i	f known):	Attorney Docket No.: 29936/39855
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Con	difference of Frances Medical	. Harakar 27 OFD 4 40
Cer	tificate of Express Mailing	Under 37 CFR 1.10
l hereb Expres	y certify that this correspondence is being deposit is Mail, Airbill No. EV 340911710 US in an envelop	ed with the United States Postal Service as be addressed to:
	MS Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
on	December 17, 2003 Date	
· · · -	Signature Signature	·
_	Ernie Del Real	
	Typed or printed name of person sign	ning Certificate
Note:	Each paper must have its own certificate of mail each submitted paper.	ling, or this certificate must identify
	Application Data Sheet	
	••	